

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1, 2, 4 and 6-18 are currently pending. Claims 1 and 16-18, which are independent, are hereby amended in this paper. Support for this amendment is provided throughout the Specification, specifically at pages 23-24.

No new matter has been introduced by this amendment. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. §101 AND §103(a)

Claims 1, 2, 4, and 6-18 were rejected under 35 U.S.C. §101 as allegedly being directed to non-statutory subject matter.

Claims 1, 2, 4, and 6-18 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 7,003,792 to Yuen (hereinafter, merely “Yuen”) in view of Official Notice.

III. RESPONSE TO REJECTIONS

A. Response to Rejections under 35 U.S.C. §101

Claims 1, 2, 4, and 6-18 are amended, thereby obviating the rejections.

This invention is directed to an information processing apparatus and method for converting a high definition signal from a standard definition signal obtained from a broadcast signal. The conversion further depends on a user's input. A first information, a second information, a first weight, and a second weight are generated based on the user's input and are used in the conversion of the signals.

Accordingly, the claimed invention clearly produces useful, concrete, and tangible results. Therefore, withdrawal of the rejections under 35 U.S.C. §101 is requested.

B. Response to Rejections under 35 U.S.C. §103(a)

Independent claim 1 recites, *inter alia*:

“...wherein the processing means calculates a set of coefficients using the first information or the second information and generates pixel data of the high definition signal using the set of coefficients.” (Emphasis added)

Applicants respectfully submit that Yuen fails to teach or suggest the above identified features of claim 1. Specifically, nothing in Yuen discloses or suggests wherein the processing means calculates a set of coefficients using the first information or the second information and generates pixel data of the high definition signal using the set of coefficients, as recited in claim 1.

Indeed, claim 1 recites generating high definition pixel data using the set of coefficient calculated using the first information or the second information. Yuen relates to generating user profiles using statistical method.

Applicants submit that the claimed feature of generating high definition pixel data using the set of coefficient calculated using the first information or the second information, as recited in claim 1, is distinct from the generation of user profiles using statistics, as described in Yuen.

Therefore, Yuen fails to teach or suggest the above-identified features of claim 1.

For at least the foregoing reasons Applicants submit that claim 1 is patentable over Yuen.

Since independent claims 16-18 are similar, or somewhat similar, in scope to claim 1, they are allowable.

IV. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

Similarly, because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken

as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.

CONCLUSION

In view of the foregoing amendments and remarks, all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

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